

PT. Pesona Khatulistiwa Nusantara is coal company which done the coal exposed using surface minning. Site Kelubir Mine Operation located at Kelubir, Tanjung Palas, Bulungan Regency, North Borneo Province. Site Kelubir Mine Operation has annual exposed plan during 2013-2017. Surface minning caused the work place contact directly with the atmosphere so water problem is the main problem which have to fade with.

In order to water problem doesnt disturb the coal exposed so it needed mine dewatering plan which is match with the sequencess. The items that planed are calculatinng the quantity of mine water, the dimation of open channel, dimation of *sump*, amount of the pump, and the dimation of water monitoring point.

Keywords: surface minning, quantity of mine water, pump, opeen channel, *sump*, water monitoring point.